

## Headlamps HID with Range Control

From January 2011



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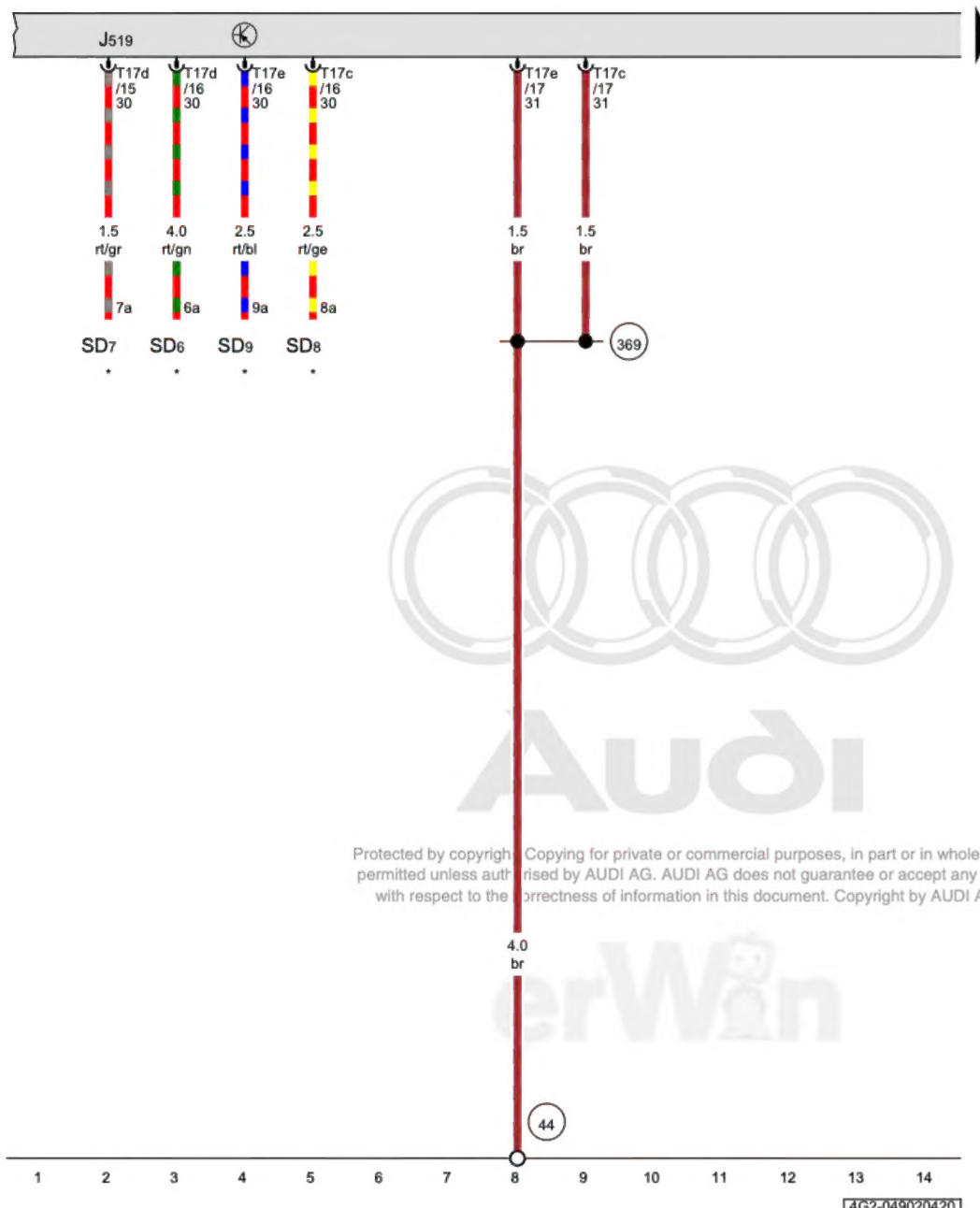
# Vehicle Electrical System Control Module

J519 Vehicle Electrical System Control Module  
SD6 Fuse 6 (On Fuse Panel D)  
SD7 Fuse 7 (On Fuse Panel D)  
SD8 Fuse 8 (On Fuse Panel D)  
SD9 Fuse 9 (On Fuse Panel D)  
T17c 17-Pin Connector  
T17d 17-Pin Connector  
T17e 17-Pin Connector

44 Ground Connection on A-Pillar, Lower Left

369 Ground Connection 4 (in Main Wiring Harness)

\* Refer to Applicable Wiring Diagram for Fuse Positions



ws = white  
sw = black  
ro = red  
rt = red  
br = brown  
gn = green  
bl = blue  
gr = grey  
li = lilac  
vi = lilac  
ge = yellow  
or = orange  
rs = pink

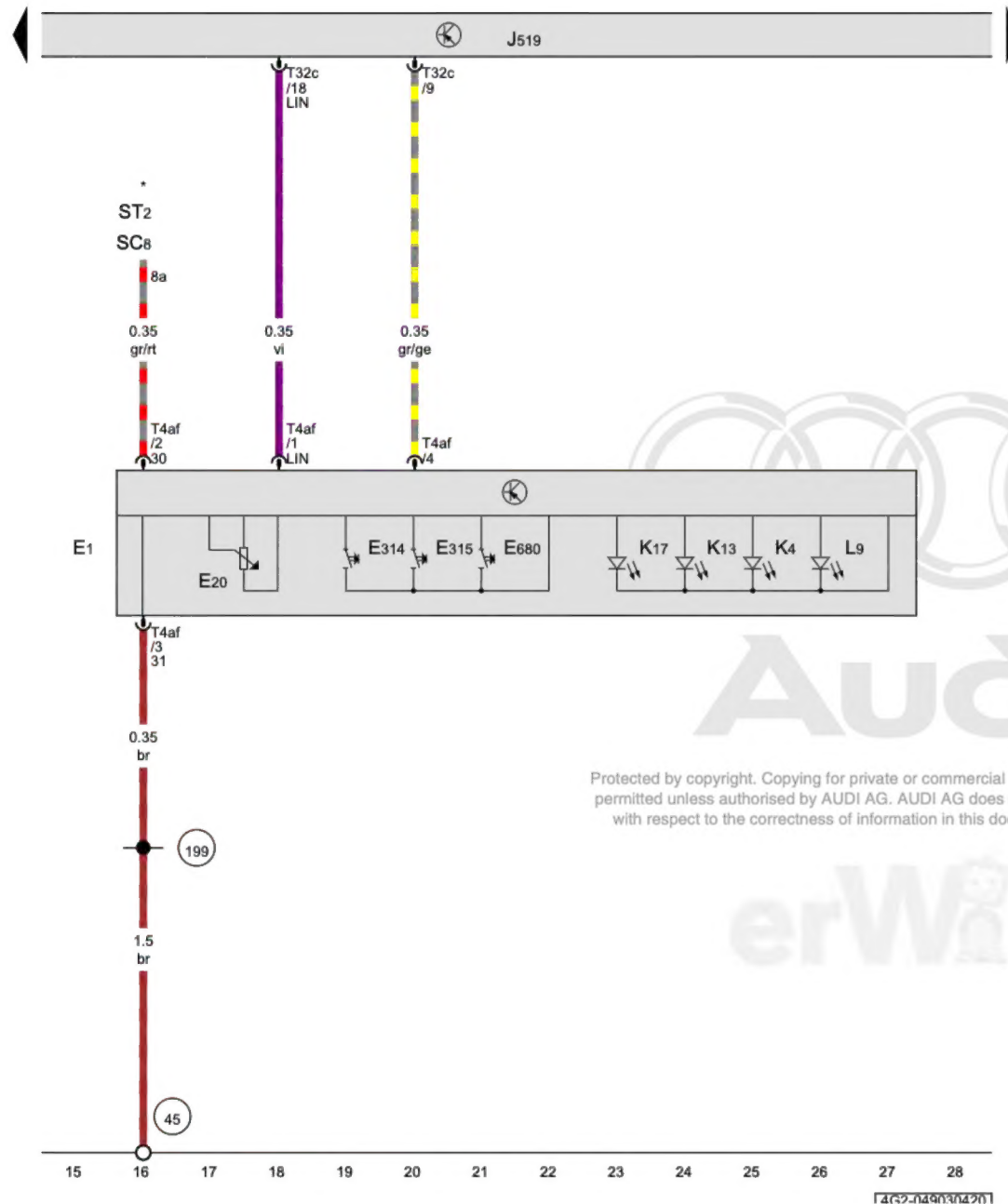
Light Switch, Vehicle Electrical System Control Module

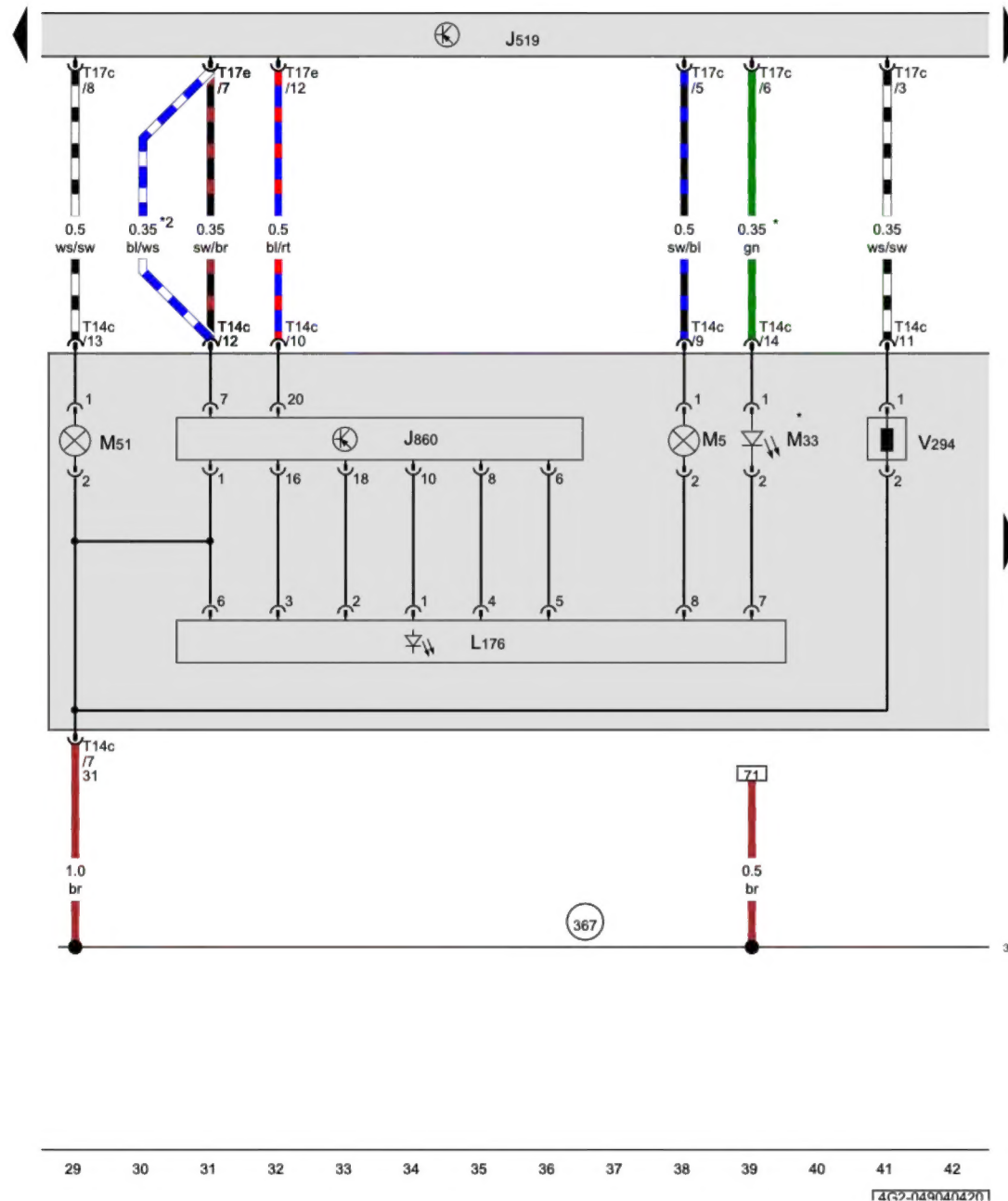
- E1 Light Switch
- E20 Instrument Panel and Switch Illumination Dimmer Switch
- E314 Rear Fog Lamp Button
- E315 Fog Lamp Button
- E680 Night Vision System Button
- J519 Vehicle Electrical System Control Module
- K4 Position Lamp Indicator Lamp
- K13 Rear Fog Lamp Indicator Lamp
- K17 Fog Lamp Indicator Lamp
- L9 Headlamp Switch Illumination Bulb
- ST2 Fuse Panel 2
- SC8 Fuse 8 (On Fuse Panel C)
- T4af 4-Pin Connector
- T32c 32-Pin Connector

45 Ground Connection Behind Instrument Panel, Center

199 Ground Connection 3 (in Instrument Panel Wiring Harness)

\* Refer to Applicable Wiring Diagram for Fuse Positions





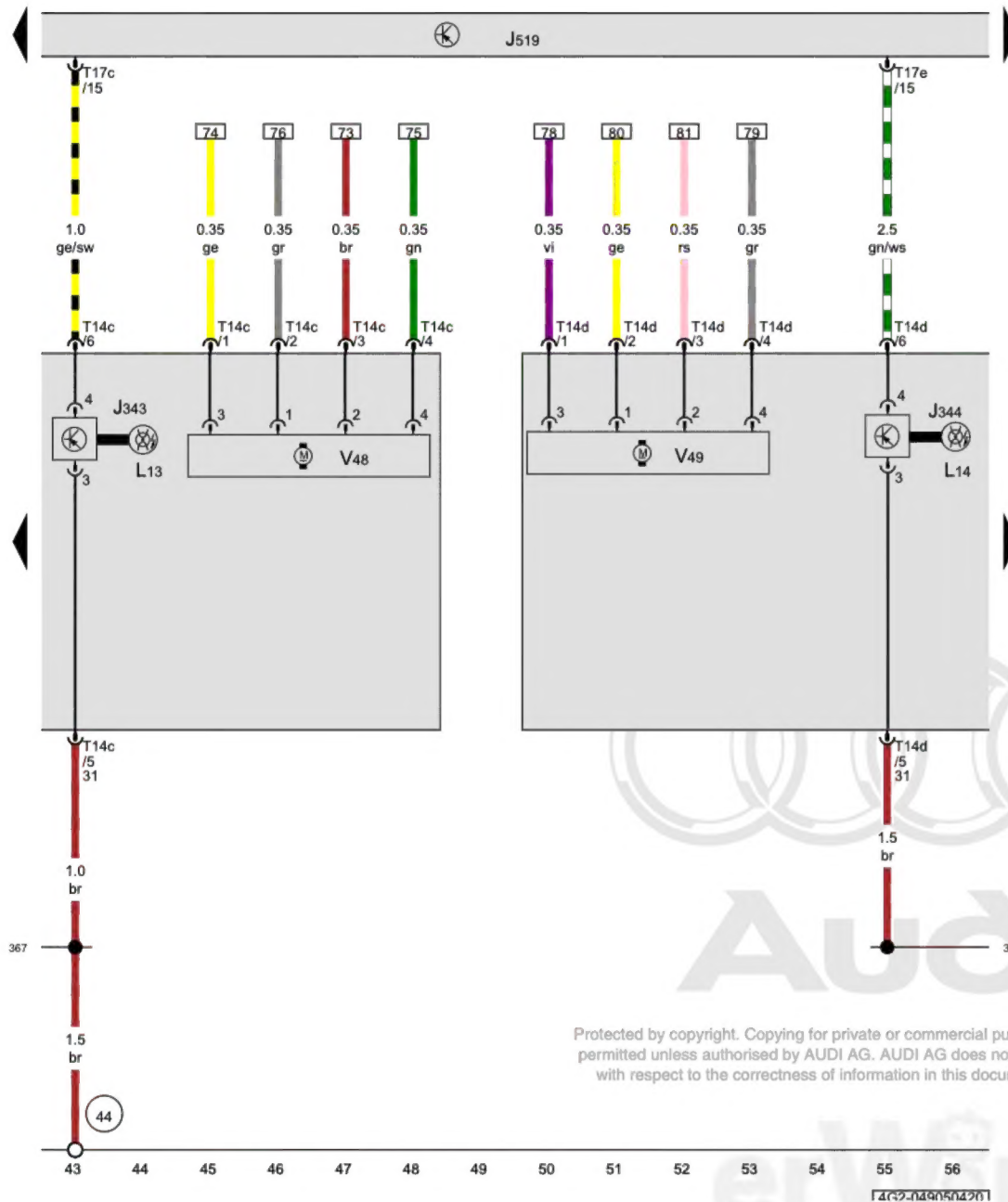
Vehicle Electrical System Control Module, Left Daytime Running Lamp and Position Lamp Control Module, Left Daytime Running Lamp and Position Lamp LED Module, Left Front Turn Signal Bulb, Left Front Side Marker Lamp Bulb, Left Stationary Cornering Lamp, Left Low Beam Headlamp Reflector Motor

- J519 Vehicle Electrical System Control Module
- J860 Left Daytime Running Lamp and Position Lamp Control Module
- L176 Left Daytime Running Lamp and Position Lamp LED Module
- M5 Left Front Turn Signal Bulb
- M33 Left Front Side Marker Lamp Bulb
- M51 Left Stationary Cornering Lamp
- T14c 14-Pin Connector
- T17c 17-Pin Connector
- T17e 17-Pin Connector
- V294 Left Low Beam Headlamp Reflector Motor

367 Ground Connection 2 (in Main Wiring Harness)

- \* For USA Only
- \*2 From June 2011

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Left HID Headlamp Control Module, Right HID Headlamp Control Module, Vehicle Electrical System Control Module, Left HID Headlamp Bulb, Right HID Headlamp Bulb, Left Headlamp Range Control Adjustment Motor, Right Headlamp Range Control Adjustment Motor

- J343 Left HID Headlamp Control Module
- J344 Right HID Headlamp Control Module
- J519 Vehicle Electrical System Control Module
- L13 Left HID Headlamp Bulb
- L14 Right HID Headlamp Bulb
- T14c 14-Pin Connector
- T14d 14-Pin Connector
- T17c 17-Pin Connector
- T17e 17-Pin Connector
- V48 Left Headlamp Range Control Adjustment Motor
- V49 Right Headlamp Range Control Adjustment Motor

44 Ground Connection on A-Pillar, Lower Left

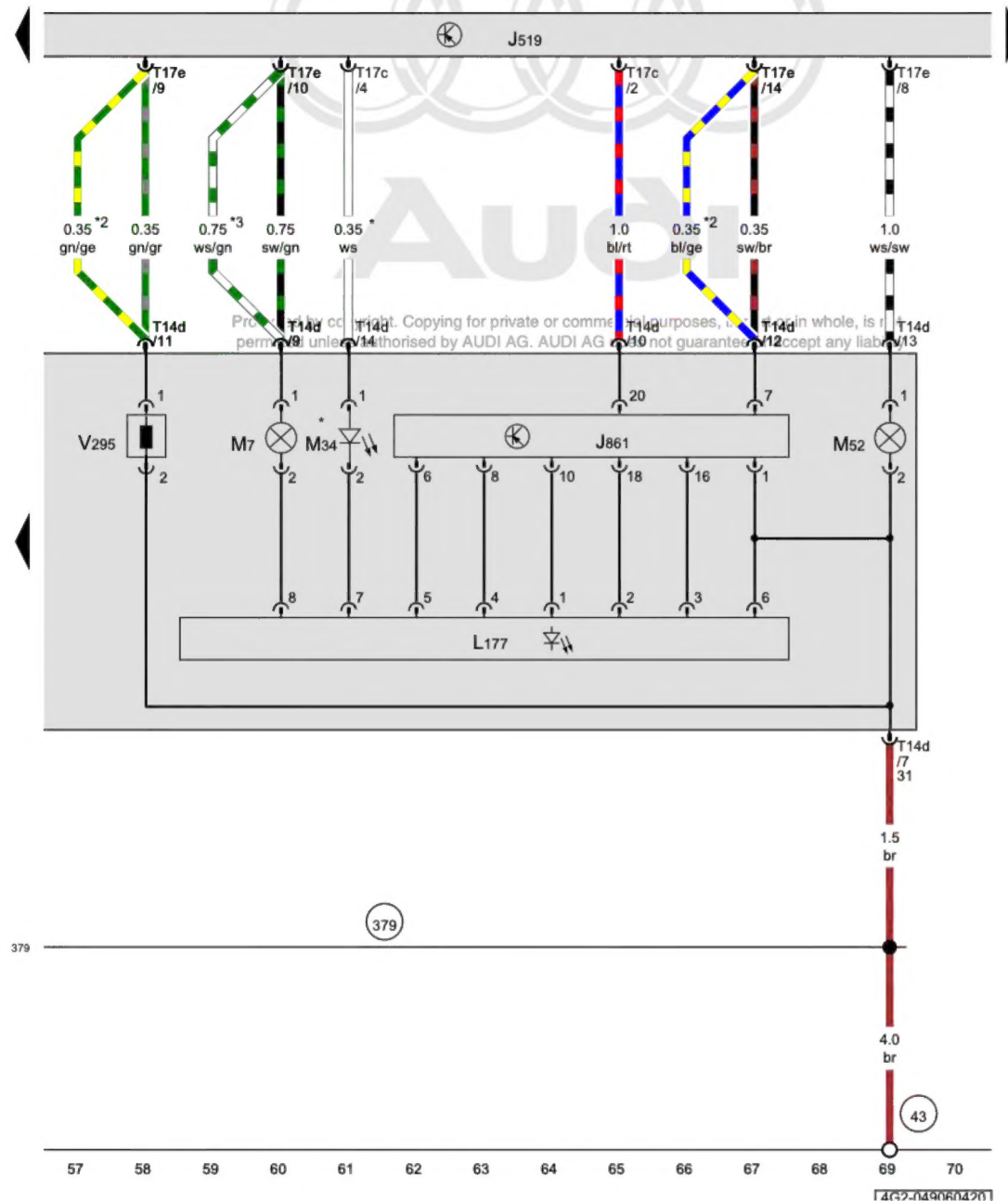
367 Ground Connection 2 (in Main Wiring Harness)

379 Ground Connection 14 (in Main Wiring Harness)

- ws = white
- sw = black
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- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = lilac
- vi = lilac
- ge = yellow
- or = orange
- rs = pink

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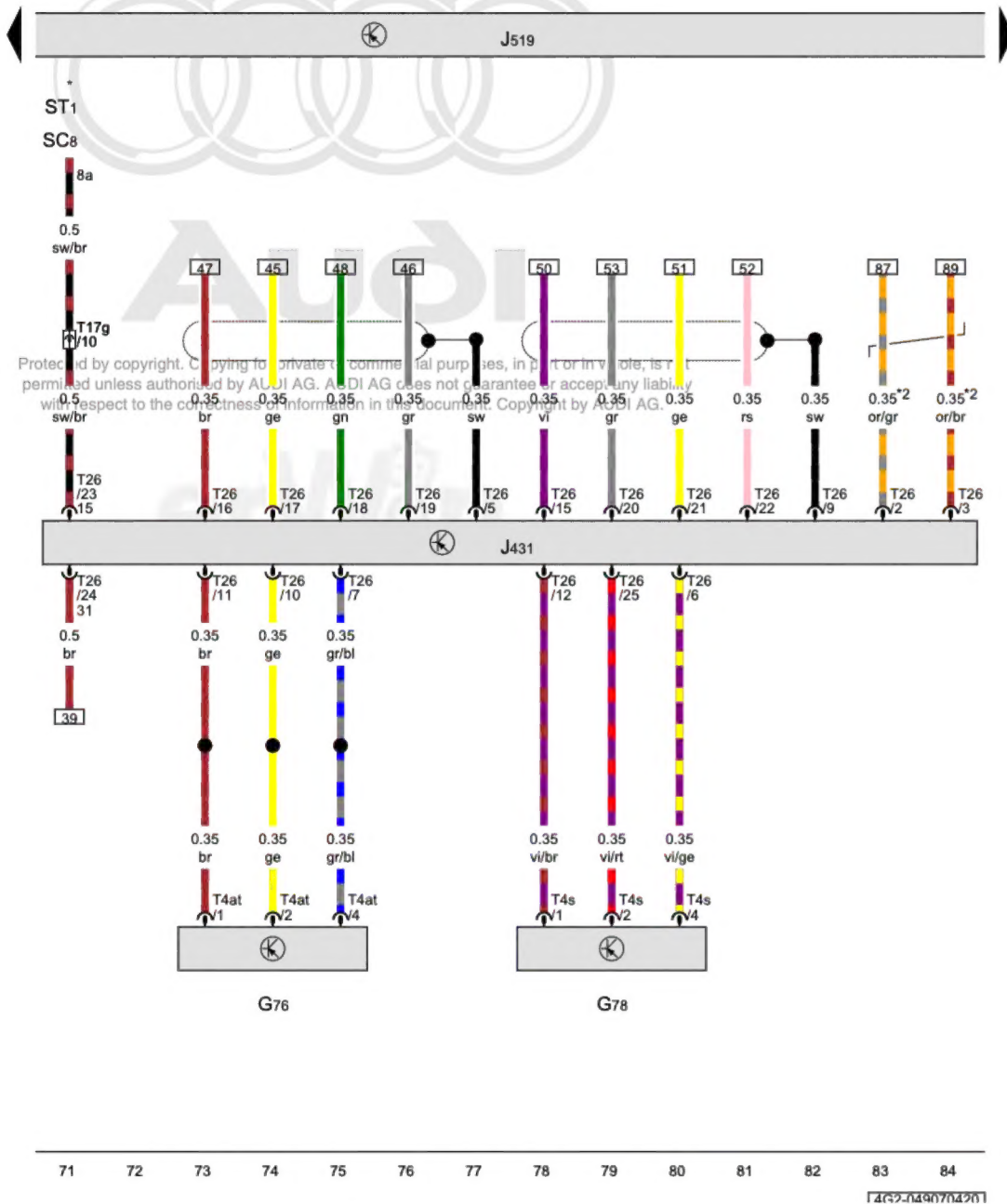
Vehicle Electrical System Control Module, Right Daytime Running Lamp and Position Lamp LED Module, Right Front Turn Signal Bulb, Right Front Side Marker Lamp Bulb, Right Stationary Cornering Lamp, Right Low Beam Headlamp Reflector Motor

- J519 Vehicle Electrical System Control Module
- J861 Right Daytime Running Lamp and Position Lamp Control Module
- L177 Right Daytime Running Lamp and Position Lamp LED Module
- M7 Right Front Turn Signal Bulb
- M34 Right Front Side Marker Lamp Bulb
- M52 Right Stationary Cornering Lamp
- T14d 14-Pin Connector
- T17c 17-Pin Connector
- T17e 17-Pin Connector
- V295 Right Low Beam Headlamp Reflector Motor

43 Ground Connection on A-Pillar, Lower Right

379 Ground Connection 14 (in Main Wiring Harness)

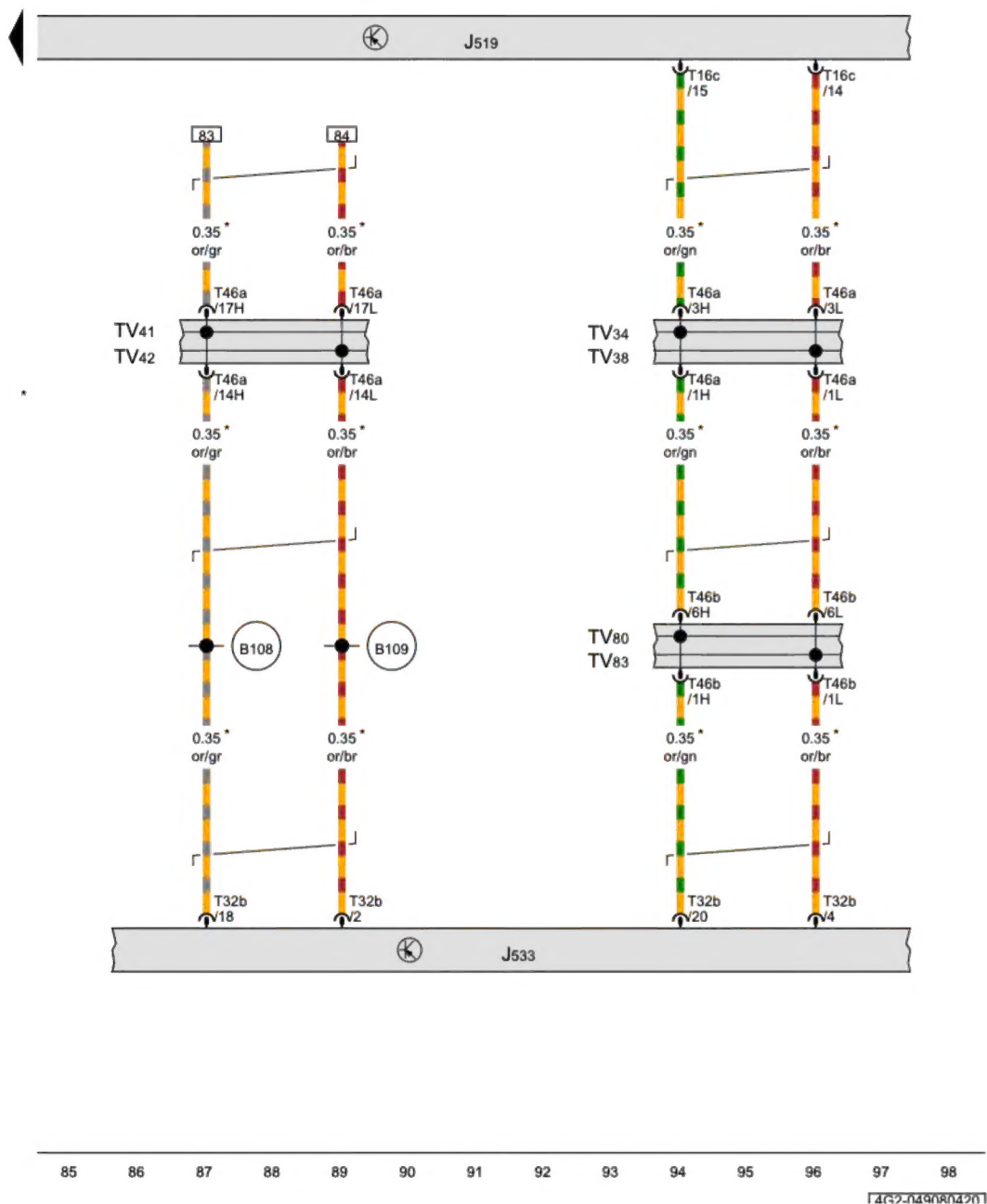
- \* For USA Only
- \*2 From June 2011
- \*3 Running Change



Left Rear Level Control System Sensor, Left Front Level Control System Sensor, Headlamp Range Control Module, Vehicle Electrical System Control Module

- G76 Left Rear Level Control System Sensor
- G78 Left Front Level Control System Sensor
- J431 Headlamp Range Control Module
- J519 Vehicle Electrical System Control Module
- ST1 Fuse Panel 1
- SC8 Fuse 8 (On Fuse Panel C)
- T4at 4-Pin Connector
- T4s 4-Pin Connector
- T17g 17-Pin Connector, In the Left A-Pillar Connector Station
- T26 26-Pin Connector
- \* Refer to Applicable Wiring Diagram for Fuse Positions
- \*2 Data Bus Wire (CAN Bus)

ws = white  
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 bl = blue  
 gr = grey  
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 vi = lilac  
 ge = yellow  
 or = orange  
 rs = pink



Vehicle Electrical System Control Module, Data Bus on Board Diagnostic Interface, Comfort System CAN Bus High Wire Junction, Comfort System CAN Bus Low Wire Junction, Extended CAN Bus High Wire Junction, Extended CAN Bus Low Wire Junction, Comfort System CAN Bus High Wire Junction 2, Comfort System CAN Bus Low Wire Junction 2

- J519 Vehicle Electrical System Control Module
- J533 Data Bus on Board Diagnostic Interface
- T16c 16-Pin Connector
- T32b 32-Pin Connector
- T46a 46-Pin Connector
- T46b 46-Pin Connector
- TV34 Comfort System CAN Bus High Wire Junction
- TV38 Comfort System CAN Bus Low Wire Junction
- TV41 Extended CAN Bus High Wire Junction
- TV42 Extended CAN Bus Low Wire Junction
- TV80 Comfort System CAN Bus High Wire Junction 2
- TV83 Comfort System CAN Bus Low Wire Junction 2

B108 CAN Bus Extended High Connection 1 (in Main Wiring Harness)

B109 CAN Bus Extended Low Connection 1 (in Main Wiring Harness)

\* Data Bus Wire (CAN Bus)

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